

VOICE CONVERTING TOY

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Abstract of JP 10214098 (A)

PROBLEM TO BE SOLVED: To freely vary the speed and interval of inputted voice and to output elaborate voice by controlling the speed of the inputted voice signals in accordance with the voice converting mode set by a setting device.

SOLUTION: Inputted voice signals, which are inputted from a microphone 1, are amplified, transmitted to an A/D converting section 3 and transformed into 12 bit digital signals, for example. A sampling period f_{AD} of the section 3 is adjusted by a sampling frequency adjusting section 13. The output of the section 3 is transmitted to an interval discriminating section 5 through a frame memory 4 and a discrimination is made to determine whether the inputted voice are a voiced interval or a silent interval. If it is judged to be a voiced interval, the voice data of a current frame are transmitted to a time axis compounding section 6 of the voiced interval. If it is determined to be a silent interval, the data are transmitted to a time base compounding section 7 of the silent interval. Then, the voice data obtained in the sections 6 and 7 are temporarily accumulated in a buffer 8.

